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This Is Your Copy

1939 CATALOG

of Miller's Popular

and

Cultural Guide

Sure to Grow, Bloom and Please Famous For Quality Roots

2334 S. E. 66th Avenue -:- Portland, Oregon N. A. MILLER

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U. S. Department of Agriculture

Bureau Of Plant Industry

Washington D. C.

Maryland.

Greetings to My Dahlia Friends

With the advent of another planting season it gives me pleasure to send you my 1939 catalog and again offer you many popular Dahlias at low prepaid prices.
I regret that I am a little late again this year in send-

ing out my catalog, but I hope I am not too late to

receive your order.

In response to a great many inquiries for cultural instructions I am including in this issue an article on Dahlia culture which I hope will be helpful, especially to those who have not had much experience, and only more

or less success in growing fine Dahlias.

Although I planted quite a large crop of Dahlias last year we had such a very dry season that I did not get the increase expected, consequently my stock of a few varieties will be limited, so I wish you would order soon after you receive this catalog so that you may get the kinds wanted. In case I should be sold out of any kinds, if you will name a second choice or let me substitute, I will make a good selection for you.

I thank you for past favors and hope I may have the pleasure of receiving your valued orders again this year.

Yours very truly,

N. A. MILLER

DAHLIA TUBERS offered are plump, firm, healthy

single divisions, showing one or more live sprouts.

GUARANTEED TRUE TO NAME— If any should prove otherwise, will replace the stock or refund the purchase price.

Orders Accepted Subject to Prior Sale. This List cancels all previous quotations.

PREPAID—All orders will be sent with trans-portation charges prepaid, by parcel post or express. Everything will be securely packed to arrive in first

class condition.

ORDER EARLY—As orders are received stock will be reserved and sent anytime from April 15 to June 20. ABBREVIATIONS TO TYPES— C, Cactus; D, Decorative; P, Peony; Sh., Show; H. C., Hybrid Cactus; S. C., Semi-Cactus.

CHOOSE YOUR OWN COLLECTIONS! AND ENJOY THESE DISCOUNTS

Any kinds listed @ 25c each \$.70 6 for \$1.35 3 for 12 for \$2.65 Any kinds listed @ 35c each 6 for \$1.95 \$1.00 12 for Any 3 kinds listed @ 40c each \$1.15 6 for \$2.25 for 12 Any 3 kinds listed @ 50c each 6 for \$2.75 12 for Any 3 kinds listed @ 75c each 6 for \$4.25 \$2.15

Any 3 kinds listed @ \$1.00 — 3 for \$2.85 Additional 5% discount on orders of \$10.00 or more.

GENERAL LIST OF

2334 S. E. 66th Avenue

Popular Dahlias

N. A. MILLER Avenue PORTLAND, OREGON

Duice Fach

17700 ZW075
ACHIEVEMENT. S. C.— Gold with bronze shading. Immense size. Winner American Home Achivement Medal 1930
ADIRONDACK SUNSET, I. D.— A brilliant scarlet with golden tips, center is tipped golden orange, reverse of petals flushed with gold. Immense big blooms on Honor
ADORABLE, I.D.—Perfect blooms of cream flushed with Rose and Gold
AIKO, S. C.—Brilliant carmine red, with silver reverse. Large deep flower on strong stems. Roll of Honor Dahlia. 35
AIR MAIL, I. D.—A fine light lavender Dahlia, good stems. A Northwest prize winner
AMBASSADOR, C—Yellow buff, shaded salmon pink, immense blooms
AMELIA EARHART, S. C.—Apricot buff-flushed coral. One of the largest Dahlias, great prize-winner. On the Roll of Honor, 1932
AMERICA'S SWEETHEART, I.D.—Very large, massive blooms of pure yellow, often 10 to 12 inches across held on long stiff stems—fine for exhibition \$1.00
AMERICAN TRIUMPH, C.—Huge Oriental red. A Roll of Honor Dahlia
ANDREA ERICKSON, D.—Very large pure white, exhibition Dahlia
ANDREAS HOFER, C.—Bright salmon pink, deep golden yellow center, excellent cut flower Dahlia25

out joins in control, choosing out not builting immin
ANN RUTLEDGE, D.—Glowing orchid cerise, shaded
rose. Artistically formed blooms with curled petals.
Very long stout stems. Achievement medal winner.
.35
ARELDA LLOYD, I. D.—The yellow Jane Cowl. Im-
mense big full deep blooms of good substance often
10 inches across by 5 to 6 inches deep. Stout rigid
stems. Sport of the most famous of all the big Dahlias,
Jane Cowl. Highest score at the Trial Gardens of
The American Dahlia Society, 1933. Sure to become
nonula n
popular

BLUE TRAIN, F.D.—Beautiful deep rosy lavender, with bluish shade.50

REMEMBER— Everything will be well packed and sent prepaid by parcel post or express.

BLUE RIVER , F. D.—Col [^] r a blue French violet, blooms very large, good stems, prolific and constant bloomer. \$1.00
BOYCHICK, I. DHuge garnet red, shading lighter
red to edge of petals. Immense blooms often 10 inches across on fine stout stems, prolific bloomer
BOSPHORUS, I.D.— Deep burnt orange or golden brown, large perfect blooms on good stems
BUCKEYE BRIDE, F. D.—A beautiful shade of Geranium pink
Strong vigorous growing plants, prolific bloomer, stout stems. On the Roll of Honor
BUCKEYE QUEEN, F.D.— Fine lavender perfect blooms on splendid stems, good cut flower dahlia. 50c
BURR McINTOSH—Large primrose yellow, tinted pink with long clean stems
BROOMALLS PINK, S.C.—An outstanding color of true rose pink, flowers similar to Satan, but not quite so large. \$1.00
california idea in the largest dahlias, color a clear glistening yellow, great big deep blooms often 14 inches on good stout stems. On account of its immense size it has been called the Yellow Murphy's Masterpiece. An outstanding prize winner. On the Roll of Honor. \$1.00
CAMEO—See Sanhicous Cameo.
CENTURY OF PROGRESS, F. D.—Royal purple, immense big blooms, stout stems, tall vigorous growing plans. On 1935 Midwest Honor Roll
CHAS. G. REED, F. D.—Petunia red, or reddish purple, immense large blooms on good stems
champoeg, D.—The Dahlia beautiful, large waxy yellow shading to salmon pink. On the Dahlia Roll of Honor.
CHAUTAUQUA SALUTE, F.D.—A fine pure white40 CHAUTAUQUA SUNSET, I.D.—A showy blending of
sunset colors, gold, orange and old rose
CHEMARS MASTERPIECE, C.— Orchid pink, very large
CITY OF CLEVELAND, I. D.—A showy bright scarlet,
splashed with orange, immense blooms, 8 to 11 inches on strong stems. A Certificate of Merit Dahlia and on the Roll of Honor
crushed strawberry
CLARA BARTON, I. D.—Pale orchid lavender, immense blooms on good stiff stems, sturdy growing plants of medium height
conquisador, S. C.—Large creamy soft yellow, shading to pink Husky growing plants.
CORA BUTTERWORTH, D.—Large silvery primrose yellow. Extra fine Exhibition Dahlia
CORNELIA BRICE PINCHOT, I. D.—Huge heavy full
deep blooms, color a rich glowing burgundy wine red. The immense big flowers are held almost on top of
deep blooms, color a rich glowing burgundy wine red. The immense big flowers are held almost on top of stout stiff stems. Strong vigorous growing plants. On the 1935 Roll of Honor
deep blooms, color a rich glowing burgundy wine red. The immense big flowers are held almost on top of stout stiff stems. Strong vigorous growing plants.

CROYDON GEM, D.—A beautiful light mauve color—perfect blooms on long clean stems. A fine cut flower Dahlia
CROYDON JEWEL, D—An outstanding Dahlia imported from New Zealand. Big massive artistically formed blooms often 8 to 10 inches across, are held high above the foliage on extra long stout stems. Color a beautiful blending of autumn shades, deep bronze with peach pink undertone and salmon-rose reverse. Keeps well when cut and a first class exhibition Dahlia. \$2.00
D. B. CRANE, I.D.—Showy crimson-scarlet tinged with orange — large blooms on good stems
DADDY KEMP , F. D.—A rich purplish red, of immense size, often 14 inches across. A real man's flower. A great prize winner. Received special mention at the Portland Dahlia Show. On the Roll of Honor
DAILY MAIL , I. D.—One of the largest Dahlias, immense big blooms of deep yellow blending to golden orange. Strong erect stems, a great prize winner40
DEMOCRACY , F. D.—Large primrose yellow, shaded deeper, excellent stems. Certificate of Merit, A. D. S., 1934.
DERRILL W. HART, D.—Reddish copper, large perfect blooms, excellent long stems. A Roll of Honor Dahlia.
DIXIE RAVENSCROFT , I. D.—Glowing flame, bright gold reverse. Huge flowers on long stems. Roll of Honor Dahlia
DWIGHT W. MORROW, D.—Rich deep red; very large blooms, one of the best reds
EAGLE ROCK BEAUTY , D.—Large pink cream center
EAGLE ROCK FANTASY , D.— In mense big deep blooms, clear mallow pink stout stems. A Great Exhibition Dahlia. On the Roll of Honor
EAGLE ROCK GEM , C.—Maize yellow shading to pink. Large perfect flowers on excellent stems
EARLE WILLIAMS, D.—Large red tipped white25
EDITH WHITAKER I D-Rich dark velvety crimson
with maroon shadings. Very large blooms on strong stems, one of the best of this color
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FORT WASHINGTON, D.—Dark mahogany red. A Roll of Honor Dahlia
FULL MOON, F. D.—Large bright canary yellow, with broad petals, good stems
GALLI CURCI, D.—Brilliant salmon orange, with golden sheen, very large blooms. A prize winner25
GIRL OF HILLCREST, F. D.—Bright Mikado orange. A great favorit Roll of Honor
GOLDEN ECLIPSE, F. D.—Clear golden yellow with Salmon blush. Big deep blooms 8 to 10 inches on good stems. A Roll of Honor Dahlia
GOLDEN GOBLIN, I. D.— Rich gold, large perfect blooms on long, stout stems. One of the best of its color. 35
GOLDEN STANDARD, C.—Golden tan with a darker center. Large perfect blooms, on strong slender stems. Winner of many prizes and on the Roll of Honor
GOODACRES SENSATION, C.—A light shade of straw- berry red. Very large blooms with long slightly in- curved petals, good stout stems, fine for exhibitions.
GOODNIGHT, I. D.—Very large dark maroon. A great prize winner
GOODWILL, S. C.—Beautiful pink with blending of creamy yellow at center. Large long petaled flowers on good stems. Truly a lovely Dahlia
GRACE CURLING, I. D.—Pure, lilac with a pink tint and shading to white base, very large blooms with cleft petals, long stems. A very beautiful Dahlia25
GRAND SLAM, S.C.—Large perfect blooms of tyrian rose, citron yellow, and amaranth pink—Winner of many prizes. \$1.00
GRANDEE, I.D.—Spanish red and yellow, immense big 12-inch blooms, good stout stems. Achievement Medal winner
GREY DAWN, F.D.—A beautiful Dahlia. Color oyster grey or white, center tinted lavender. Massive deep blooms with many pointed petals, strong erect stems, fine for exhibition and good cut flower Dahlia75
HAPPY WARRIOR , D.—A vivid shade of blood rose, or mulberry red. A very interesting color. Blooms often 8 to 10 inches on good stems
HILLCREST FLUFFY RUFFLES, I. D.—A beautiful shade of soft apricot
H. R. S. (HERBERS ROY STOVELL), Dec.— Huge golden yellow blooms on long stiff stems, tall strong plants, fine exhibition Dahlia. On the Roll of Honor. .50
HUNT'S VELVET WONDER, I. D.—Immense big deep
blooms often 12 inches, on extra strong stems. Color a rich bright violet burgundy under some lights looks royal purple. A great prize winner. Received special award of merit at New York Show 1934. On the Roll of Honor
IDA PERKINS, D.—An extra fine white. Ideal stems.
IMPERIAL PINK, I. D.—Clear true pink with dark rose
pink center, shading to gold base. Large massive blooms, on good stems. A beautiful Dahlia
blending of many colors; yellow, flesh pink, ochre, and red. A Roll of Honor Dahlia

IRENE ANDERSON,H.C.—Huge blooms, often 10 inches across; rosy; purplish cerise; heavily tipped white, good stems. A very attractive Garden Dahlia, and showy exhibition flower
ISLAM PATROL , I. D.—Dark velvety crimson-scarlet, tipped and flushed with gold, a striking variety35
IVORY, F.D.—A beautiful creamy white large perfect blooms on good stems
J. K. ALEXANDER JR., I.D.— Immense big deep bloom of Crimson-scarlet, lightly splashed with orange—good stout stems. Award of Honor Georgia Experiment Station
JANE COWL, D.—Very large bright bronzy buff and old gold. Roll of Honor Dahlia, extra fine
JANE ROSS, I. D.—Bright purplish crimson, shaded violet and overlaid with a velvety maroon sheen, deepening toward the center of the flowers, good size blooms on long stiff stems. Early and free bloomer.
JANET SOUTHWICK, I. D.—A deep shade of tyrian rose or burgundy red. Large blooms on good stems. Fine for exhibition. Roll of Honor Dahlia
JEAN TRIMBEE, S. C.—Rich shade of petunia-violet, very large blooms, a great prize winner
JENNY LIND, I. D.—A silvery pastel mallow pink, this dahlia is a real beauty. Roll of Honor, 1931
JEROME KERN, I. D.—A gorgeous shrimp pink with gold shadings. The long petals twist and curl back to the stem making a large deep full flower, extra long strong stems. Early and free flowering, great prize winner. On the Roll of Honor
JERSEY BEAUTY, D.—True pink, extra fine25 JERSEY BEACON, D.—Chinese scarlet, lighter reverse.
very large and fine
of pink. The fine incurved deep blooms are held
perfectly on long stiff stems
JERSEY IDEAL, D.—Deep lavender pink, very large.
JERSEY KING, D.—Belgonia rose, very fine
large blooms, often over 12 inches across
JERSEY MELODY, S. C.—An attractive color of bright tyrian rose, tipped silver with silver reverse, 1932 Roll of Honor
Roll of Honor
pink suffused gold
JEWEL OF INDIA, I. D.—Rich glowing scarlet, suf-
fused maroon, immense blooms on stiff stems35
JOSEPHINE G., S. C.—Bright shade of true rose pink tipped straw yellow. 1929 Roll of Honor Dahlia. Very fine
JUDGE MAREAN, D.—Glowing salmon, red, orange, and yellow
JUNE JUSTICE, I. D.—Rich, deep shade of tyrian rose, suffused with bright purple, blooms often 10 inches,
on good strong stems, very fine
KATHLEEN NORRIS, D.—Very large rose pink, a

KATHLEEN V. SMITH, C.—A beautiful pure pink, shading to white center, perfect cactus blooms on long wiry stems. Excellent cut flower
KAY FRANCIS, S.C.—A soft lemon yellow. A glorified Frau O'Bracht, but a larger flower with more petals. A great prize winner, 1934
KEMP'S BLACK KNIGHT, I.D.—Rich velvety maroon. Almost black, huge flowers on good stems
KEMP'S VIOLET WONDER, D.—Large violet color. A gold medal Dahlia, 1927
KEMP'S WHITE WONDER—See White Wonder.
KEWEAH , I.D.— Deep cerise with rose shadings—Worlds Fair prize winner, Chicago 1933
KING MIDAS, D.—Pure golden yellow, huge blooms.
LA FIESTA, I. D.—Huge blooms of deep sulphur yellow, penciled coral red, petals curl and twist. Good stout stems, a great prize winner
LADY MOYRA PONSONBY, I. DA pure glowing yellow. Euge blooms up to 12 inches wide, long, cane-
like stems, color a rich deep golden yellow. Stiff stems great prize winner and on the Roll of Honor
LEMONIA, C.—A bright, clear lemon yellow. Immense blooms on good stems—1936 Roll of Honor
LOUISE BATES, S. C.—Immense big blooms often 10 to 12 inches wide by 7 inches deey. Color a beautiful mallow pink, with phiox purple center. A grand exhibition Dahlia
MARION BROOMAL, H. C.— Dark Lavender pink, white center, large
MARMION, D.—Very large yellow, tinted bronze25
MARY ELLEN, F. D.—A greatly improved Mrs. I de ver
Warner, immense big blooms of lavender pink. A Roll of Honor Dahlia
MARY M. FOX, I. D.—Large artistically formed flowers with long ribbon like petals, color a golden orange, shaded and tinted with red at tips, long, strong stems, fine for exhibition and cut flowers
MARY MURRAY, C.—Bronzy shade of orange, deepening to flame, free bloomer
MARYLAND GLORY, D.—A fine shade of rich American Beauty red, very large deep blooms on excellent stems. An outstnading prize winner at the big East-
ern shows in 1931. A Roll of Honor Dahlia
red. A gold medal winner, also on the Roll of Honor
MINNIE MARSDEN, C.—Beautiful watermelon pink, good stems fine for cutting
MRS. CARL SALBACH, D.—Large lavender pink25
MISS LONGVIEW, S. C.—Bright canary yellow, shading to soft salmon. Immense big blooms
MRS. ALFRED B. SEAL, D.—Rich glowing old rose,
MRS. GEO. LE BOUTELLIER, I. D.—Rich velvety car-
mine red. Immense big blooms on long extra stout stems. Sturdy healthy plants of medium height, fine exhibition Dahlia. On 1935 Roll of Honor
MRS. ETHEL F. T. SMITH, D.—Large creamy yellow.
MRS. I de ver WARNER, D.—Large mauve pink25
MONMOUTH CHAMPION, D.—Brilliant orange flame.
Immense big blooms. Great prize winner. A Roll of Honor Dahlia

MONMOUTH SUNBURST, F. D.—Bright lemon yellow center, outer petals salmon orange producing a real sunburst effect. Large blooms on good stems. Truly a beautiful colored Dahlia. On the Roll of Honor50
MONMOUTH QUEEN, F. D.—A most pleasing color of
picric yellow in the center, shading out to light primrose or creamy yellow. Immense blooms 10 inches and larger, held on long stiff stems. A My-te-fine Dahlia
MURPHY'S MASTERPIPECE, I. D.—Truly a master-
piece for size. Immense big blooms often over 15
inches across; has been grown to 171/4 inches. Color
a rich dark red shading into crimson. A sensational
exhibition Dahlia and an outstanding prize winner
at the leading shows. A Roll of Honor Dahlia75
MYRA HOWARD, I. DVery large pure gold with
rose sheen, that glistens in the sunlight. Achieve-
ment medal winner 1931
NANCY ROBINSON, I. D.—Pure pink, beautiful artist-
ically formed blooms on strong slender stems. An
English Dahlia that is sure to become a popular
cut flower variety
NEW GLORY, H. CLarge garnet red, tipped with
white
OAKLEIGH MONARCH, F.D.—Rich bright cerise-red
with large blooms on stout stems. A fine exhibition
Dahlia, and on the Roll of Honor \$1.00
ORIENTALE, DLarge bright glowing coral orange,
very showy
ORIENTAL BEAUTY, S. C.—Truly a beautiful Dahlia
color of clear rose pink, good size perfectly incurved
blooms on long stiff stems. Fine for cut flowers. Also
fine exhibition Dahlia
ORIENTAL GIRL, I. DA grand large Dahlia of
Chinese red and yellow, held on long stout stems50
ORIENTAL GLORY, I. D.— Bright vivid shade of
orange overlaid with scarlet. Large perfect blooms
orange overlaid with scarlet. Large perfect blooms on strong stems. Achievement Medal winner, 1933.
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RUBY TAYLOR, I. D.—A clear velvety carmine color
that immediately attracts attention. Very large full deep blooms on strong rigid stems. Winner of many prizes
SALBACKS WHITE, F. D.—Pure white, good size blooms, long stems
SALMON SUPREME, F. D.—Large salmon pink, good stems, a beauty
SAN BERNARDING F. D.—Deep rose pink. Large blooms on good stems. Dwarf grower
SANHICANS BLUEBIRD, D.—Bright violet blue. A near blue Dahlia
SANHICANS CAMEO, F. D.—A beautiful coral color with golden sheen, reverse deep rose pink. Huge
blooms on very stout stems. A winner of many prizes. On the Roll of Honor
SATAN , S. C.—One of the largest and most sensational prize winning Dahlias. Immense big deep blooms
often 14 inches across with long horn-like incurved petals color flaming red, with a touch of gold at center, long rigid stems. A Roll of Honor Dahlia40
SHAHRAZAD, D.—Pure deep pink. Extra large and very fine—known as the pink Jane Cowl
SHALIMAR, F.D.—Rich Poinsetta red, with a bright
vibrant glow that arrests instant attention. Large perfect blooms that can be developed to 12 inches on fine stems. On the Mid-west Honor Roll
SHEILA WARD, DLarge clear yellow, heavily tipped
SISKYOU, S. C.—Pink, heavily tinged mauve. A great
favorite
slightly striped and tinged old gold. Good stout stems, sturdy bush. A winner of many prizes40
SPOTLIGHT, I. D.—Huge sulphur yellow shading to lighter tips, excellent stems. Achievement Medal
winner and Roll of Honor Dahlia
low, reverse rosy pink, a unique and unusual color effect that immediately attracts attention. Huge deep
blooms on strong stems. A fine exhibition Dahlia.
SUPREME MONARCH, I. D.—Very large, deep, brilliant red, reverse pearly white
STAR OF BETHLEHEM. S. C.—Pure white immense massive blooms like huge many pointed stars. Ex-
cellent stems
ber gold at center, large perfect blooms on long strong stems. A Roll of Honor Dahlia and great
prize winner
showy Dahlia
greater part of petals tipped pure white. Good size blooms on excellent stems. A beautiful Dahlia that never fails to attract attention
THE FIREMAN, I. DA showy, flashy cardinal red,
with golden flushes. Fine large blooms on long stems. Prolific bloomer. Achievement Medal winner and Roll of Honor Dahlia
THE TELEGRAM, D—Orange, tipped white. Large perfect blooms, held on long stiff stems. Very showy
Dahlia
blooms, excellent stems. One of the most popular Dahlias of recent introduction.

Price Fach
TOWERS EMPIRE, I. D.—Immense blooms of clear gold, with a deep amber shading at the center. The best of stems. A fine exhibition Dahlia, on the Roll of Honor.
TREASURE ISLAND, D.—Bright apricot and gold with rose shading, very large deep blooms on excellent stems
UNCLE TOM, D.—Dark velvety red, good size blooms on fine stems. Early, prolific and constant bloomer. 25
VALENTINO, F. D.—Salmon pink shading to cream at center. A very pretty Dahlia
Immense big deep blooms, held on long stout stems. Truly a very fine Dahlia
waldheim sunshine, D.—Very large yellow, suffused gold, extra fine. 25
WASHINGTON GIANT, I. D.—Truly a giant for size blooms often over 12 inches across on good stout stems. Color bright lavender-rose blended with silver, Won Sweepstakes for largest bloom, Portland Show, 1935. On the Honor Roll
1935. On the Honor Roll
WILL RODGERS, D.—Large silvery lavendar
WM. G. HOGAN, DGarnet red, heavily tipped white. Very large blooms
YANKEE GOLD, I.D.—Large perfect blooms of pure gold
Miniature Dahlias
A new type of small Dahlias, same in form as the large Decorative Cactus and Peony Dahlias, but prooms
are small, only 2 to 4 inches across, have wire-like stems, are excellent cut flowers. Will keep for days, in water and work in nicely with other garden flowers. Price Each
BABY ROYAL, Min. S. C.—A beautiful little cactus dahlia of salmon pink, shaded apricot and gold, wiry
stems, fine for cutting. A Gold Medal winner25 BLUEBIRD, Min. D.—Bluish lavender, very free bloom-
ing
CHEMARS UNUSUAL, Min, H. C.—Soft rose pink with large white center, very pretty
CORONNE—Pure waxy white, resembling a gardenia
crimson GLOW, Min. F.— Rich, deep crimson, dandy, small curly centered flowers, held on long wiry stems fine for cutting
DREAMTHORPE, Min. D.—Australian prize winner. A fine autumn color, tango shaded primrose, coppery gold center, long wiry stems

FAIRY, Min. F. D.—Beautiful pink. Known as the Miniature Jersey Beauty
GAITY , Min. D.—Showy, bright red and white, long stems, free flowering
GARDEN LOVE, Min. D.—Carmine rose and gold.
GOLDEN CALIFORNIA, Cac.—Yellow, shaded with amber and salmon, 1934 Roll of Honor
HORIZON, S. C.—Apricot yellow, lightly edged red curly petals, fine long stems
IRENE, Min. D.—Perfect little flowers of a soft jasper red, fine for exhibition
JUDITH, Min. P.—Soft brownish red, fine long stems.
KENTUCKY BABE, Min. D.—Salmon suffused old rose, very pretty cut flower
ber, tipped with white, very attractive
LITTLE DREAM, S. C.—(Holland)Bright rose, light center and tips. Extra free bloomer, fine for cutting.
One of the most popular to date
NORA BELLE, Min. P.— Orange red, yellow base, tinted blue flame, very free blooming
ODETTE, Min. D.—Dainty little blooms of soft pink, prolific bloomer
ORCHID LADY, Min. F. D.—Orchid color, or lavender pink. Long wiry stems. Fine for cutting
OUR ANNIE, Min. P.—Shrimp pink, shaded amber35
PICTURE, Min. P.—Gold, shaded orange bronze with attractive chestnut red halo at center. Long stems.
PINK PEARL, Min. D.—Lovely rose pink petals waved and twisted like an aster long wiry stems, fine for cutting
RED ERIC, Min. D. (England)—Bright Seariet with golden sheen. Fine stems—a very showy little Dahlia.
RED HEAD— Orange scarlet of perfect form. Fine stems. On the Honor Roll
RHODA, Min. D.—Glowing orange rose, curled petals
fine cut flower
SNOWDROP , Min. C.—Perfect little cactus blooms of pure white, long wiry stems, fine for cutting
TEDDY BEAR, F. D.—(Holland) Deep scarlet red This little Dahlia is quite different in formation, being more like a small double Camellias, is very free flowering, has fine stems, a lasting cut flower An outstanding miniature at the great Chicago show in 1936.
TOOSIE, Min. F. D.—Bronzy rose color
TWINKLE, Anemone— Tiny flowers of pale pink tipped light yellow, cushion or center pale yellow. A fine, dainty little cut flower. Plants are always full of blooms
WASP, Min. D.—(England) Deep golden yellow. This variety often comes duplex or with open center However, it is very free flewering, has good stems fine for cutting.

POM PON OR MINIATURE BALL DAHLIAS

Very small, compact, quilled petaled blooms 1 to 2 inches in diameter. Excellent cut flowers.

All Pompons 25c each

AIMEE—A very tiny flower, beautiful bronze.

ALEX-Light cerise tipped silver.

AMBER QUEEN— Rich clear amber.

ATOM—Tiny orange.

BELLE OF SPRINGFIELD—Small, bright, brick red, profuse bloomer.

BOB WHITE- Small pure white.

BOBBY—Deep plum color.

CENSOR-Deep crimson, shaded lighter.

CLAIR ELIZABETH— Bright Maroon.

EDITH MUELLER-Beautiful rose red, blended with rich creamy yellow.

FLAME— Light shade of scarlet.

GLOW— Glowing old rose.

GOLD DROP- Pure golden yellow.

HARRY SNOOKS—Beautiful rose pink, white center.

HILDE PUPPEE—New (Germany). Bright crimson with dark center, fine stems.

HONEY— Light yellow, suffused red.

IOLANTHE Salmon orange, long stems.

JOE FETTE-Pure white.

LIBBIE ROHR—Cerise purple.

LITTLE BEESWING-Bright red, shading to yellow.

LITTLE BEESWING— Bright red, shading to yellow base, small perfect flowers.

LITTLE BUGLER— A beautiful lilac rose.

LITTLE LLOYD— Deep orange shading to amber.

LITTLE MARY— Small maroon, suffused magenta.

MARIETTA—Deep rosy crimson.

MARY MUNNS-Fuchia. Dark orchid sheen.

MIKE—Scarlet orange.

MINNIE MELLS-Orchid rose flushed deeper, orchid, fine stems.

MRS. V. BRIT

BRITTAIN—A lovely little pink, from New Zealand.

NELLIE FRAZIER— Light pink heavily edged bright rose. A beauty.

PEGGY ANN—Yellow, shaded brown red.

PHOEBE—Very showy, bright orange.

SCARLET GEM- A very bright scarlet, ideal long stems. Very showy and fine for cutting.

PRIDE—Dark crimson red.

SUNSET—Orange, very small.

TOM THUMB-Rich garnet red, very small.

VASHDEE—New. Lovely little blooms, color white tipped pink. A champion prize winner at Australian and New Zealand shows.

YELLOW GEM-Rich golden yellow, perfect little blooms, on long stems.

REMEMBER- Everything will be well packed and sent prepaid by parcel post or express.

DAHLIA CULTURE

By N. A. MILLER

There are so many different opinions about how and when to plant Dahlias that I almost hesitate to offer cultural directions that will apply everywhere. However, you will have to use your own judgment to some extent because you know your climatic conditions, seasons, soil, etc.

In our Pacific Northwest, the Dahlia is treated as a late summer or autumn flower—and is at their best after the fall rains start. So, you see, Dahlias naturally love a lot of moisture at the blooming period. Dahlias are easily grown, requiring no special skill to bring them to perfection—any good garden soil will produce fine Dahlia blooms if well prepared by deep spading, good cultivation and plenty of moisture at blooming time.

Preparing your soil— Spade your soil 10 to 12 inches deep about a month before planting, and rake once a week to conserve the moisture. Then, just before planting

to conserve the moisture. Then, just before planting your Dahlias, work your soil over again until it is very loose and deep, and without lumps.

If your soil is clay or very heavy and hard to keep in good tillable condition, add sand, old sawdust, or your stove ashes and peat moss. If you use peat moss, add some lime to counteract the acidity.

If your soil is poor, broadcast and work into the top soil some good commercial fertilizer not too high in nitrogen content. A fertilizer compound 4-8-7 (can be bought at almost any seed store) composed of 4 per cent nitrogen, 8 per cent acid phosphate, 7 per cent potash, or use bone meal at the rate of a double handfull to each plant.

Planting— Dahlias may be planted any time after the soil has become thoroughly warmed. But for best results, plant from May 10th to June 15th. I believe planting between these dates will apply to all parts of the U.S.A. except perhaps some of the southern states where they plant earlier so that the plants will become well rooted and established before the very hot weather sets in.

Dahlias grow very quickly in hot weather if the soil has been well prepared, and the Dahlias get a good supply of moisture and provided with either good cultivation or irrigation. If your Dahlias come into bloom during very hot weather or during a drought, mulch around and between the plants with some loose material like straw, peat moss, old sawdust or your lawn clippings to conserve moisture and protect the feeding roots which come close to the surface as the plants develop. This fact is not close to the surface as the plants develop. This fact is not generally understood and will account for many failures.

Plant, if possible, in an open, sunny situation where your plants will have good air circulation and not be too close to trees or big shrubs. Large Dahlias should be planted about 3 feet apart each way—smaller sorts, like miniature and pompons, can be planted 2 feet between the plants. A good medium size root, as a rule, will produce the best flowering plant.

Drive a strong stake to support the plants before planting. Never stand the root on end, but lay flat or on slight angle with eye or sprout up in holes 4 inches deep for heavy soil and 6 inches deep in very loose or sandy soil. Cover only about 2 inches and when the roots begin to grow, put in the balance of the soil.

Do not water if your soil is quite moist. If too dry it will be better to water your ground thoroughly a day or two before planting and cultivate the surface. Watering at the time you plant, especially heavy soil, packs

WHOLESALE

Dahlia List

1939

This list is sent only to Commercial Growers, Florists and those regularly allied with the Horticultural trades. Kindly use your business stationary or state your trade connections when ordering.

The following surplus list of Popular Dahlias are good single Divisions from field grown clumps, and are guaranteed to be true to name, and in good growing condition. However, if any should prove otherwise, the stock will be replaced or we will refund the purchase price. Claims must be made within 5 days upon arrival of goods.

This list cancels all previous quotations.

Orders for \$5.00 or more will be sent prepaid, less than \$5.00 add 3 cents per tuber to cover postage, etc. No charge for packing. Cash with order—Please.

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Price each — 5 or more of a kind Price each — 5 or more of a kind For one to three of a kind, add 3c per tuber For one to three of a kind, add 3c per tuber Aiko \$.17 Jersey Dainty Air Mail Jersey Ideal Josephine G. Amelia Earhart American Triumph Kathleen Norris Andrea Erickson Kemp's Violet Wonder Andreas Hofer Arelda Lloyd La Fiesta Ballegos Glory18 Margaret Woodrow Wilson Mary Ellen City Of Trenton .10 Maryland Glory City Of Cleveland Maryland Orange Chas. G. Reed .18 Mrs. Geo. Le Boutellier Champoeg Monmouth Champion Clara Barton17 Monmouth Queen Cornelia Brice Pinchot .20 Myra Howard Dixie Ravenscroft .15 Oriental Beauty Dwight W. Morrow Oriental Glory Eagle Rock Fantasy .20 Palo Alto Eleanor Roosevelt Pres. Franklin D. Roosevelt Elite Glory .10 Rockley Moon Forest Fire .30 Salbacks White Fort Monmouth .18 San Bernardino Girl Of Hillcrest .18 Satan Grace Curling15 Shahrazad H. R. S. (Herbert Roy Stovell) Shalimar18 Hunt's Velvet Wonder Sonny Boy30 Spotlight Imperial Pink .20 Sultan Of Hillcrest Irene Anderson .22 Strongheart Jane Cowl .10 The Fireman Janet Southwick .18 Treasure Island Iean Trimbee18 Jerome Kern Washington Giant White Wonder Jersey Beacon Will Rodgers



POMPONS

Price each — 5 or more of a kind For one to three of a kind, add 3c per tuber

All Bright	.10
Baby Royal	.10
Edith Mueller	.12
Gold Drop	.12
Glow	.10
Harry Snooks	.10
Hilde Puppee	.15
Joe Fette	.10
Mike	.10
Rhoda	.10
Vivid	.10

around the tuber and greatly retards root development in the early stage of the plant's growth.

Cultivation— To have the greatest success with your Dahlias, the trick is to keep your plants growing. Good cultivation is most essential for best results. Start cultivating soon after planting (be careful not to disturb the root). Hoe deeply or cultivate with a garden hook about once a week to form a good deep soil mulch which will conserve the moisture and check the weeds. As the plants grow and when about 18 to 20 inches high, deep cultivation should cease and only rake lightly the surface of the soil after each rain or watering. Also, at this stage of the Dahlia plants growth, the feed roots come toward the surface of the soil. This is a good time to apply your fertilizer—broadcast and work it into the top soil. Also give the ground a heavy watering, after working in the fertilizer, to disolve and keep it in solution so it will be available for the feeding roots. If the weather is very hot and dry, apply a good loose mulch previously directed.

Watering— Good cultivation is more important than water in the early stage of a Dahlia plant's growth. But in very hot and dry weather, water is quite necessary to keep up a strong, continuous growth. However, it is not advisable to begin watering until the plants really need it. Then water every ten days or two weeks, cultivating the top soil after each watering as soon as the soil is workable. To make your plants healthier and to hold the insects in check, give your plants a good shower bath every evening during dry weather. When the plants start to show flower buds, water should be applied freely and in large quantities once a week. This will force a greater quantity of flowers with long stems and the largest size blooms. When you water, soak the ground thoroughly. Best to set your sprinkler in the evening among your Dahlias and let the water run until the soil is saturated but not puddled and turn the sprinkler on again the next morning. This last sprinkling will drive the moisture down to a lower level—consequently, you hold moisture longer then when you just wet the surface.

Fertilizer— Dahlias don't require very rich soil to produce fine flowers. But to get good exhibition blooms, a liberal amount of a well balanced fertilizer should be applied broadcast around your plants (be careful not to apply too close to base of plants) and thoroughly worked into the soil about a month or six weeks after planting.

The fertilizer formula previously mentioned would be good, supplemented by a good sprinkling of tankage with a little lime and crude sulphur added and applied about every two or three weeks while the Dahlias are in bloom.

Vigoro is another good fertilizer for Dahlias.

Disbudding— When your plants have made their second or third set of leaves, pinch out the tops—this causes your plants to branch and not grow so tall. If you do this, stakes will not be so necessary unless you have heavy fall rains and strong winds that will break them down. A strong stake 5 or 6 feet long driven firmly into the ground with the plant loosely tied to it, will prevent breakage.

For choice cut flowers or exhibition blooms, pinch off the two side buds and disbud the branches to the last two sets of leaves near the stalk letting only one bloom develop on a stem. For garden decoration it is not necessary to disbud the branches as a large number of good sized flowers are of more value for a fine garden display than only a few highly developed blooms. Keep old withered flowers picked off and your plants will bloom better.

Cut Flowers— The blooms should be well developed and cut late in the evening. Put in deep, cold water in a cool place overnight. The blooms that have wilted by

HAVE YOU A HOBBY?

There is no finer, healthier or more interesting hobby than growing flowers and especially the Dahlia in its many forms and gorgeous colors.

next morning will not keep. Burning the stem ends in a flame, or dipping ends in boiling water for a minute or two will help. You can sometimes revive wilted blooms by laying them in a bath tub of cold water or sprinkling the flowers with water.

Digging and care of the roots in winter— After the first killing frost, cut off the stalks at once, close to the ground, and let stand a few days for the roots to ripen. Did carefully so as not to break the tubers near where they join the stalk. Remove most of the soil. Then cut off the rest of the stalk close to crown of the clump and pack at once in shallow crates or boxes. (vegetable crate 18x24 inches — 8 to 12 inches deep is ideal). Cover with shavings or sawdust and store in a cool, frost-proof cellar or basement. If your basement is heated by a furnace, it will be best to line the inside of crates with several layers of newspaper—also cover the roots thickly with newspaper to exclude the warm air which causes the roots to shrivel. Watch your roots during the winter. If they mildew near the crown, take off the top paper for a day or two to let the excess moisture escape. If too dry, moisten the sawdust or shavings or wet the top paper and replace.

Dividing— In the spring when the tubers commence to sprout, the clumps should be divided with a sharp knife to single tubers with one strong eye or sprout to each tuber. You will find the eye or sprout at the base or crown of the stalk where the roots or tubers join the plant — never on the tubers.

If, after dividing, you are not ready to plant, cover them again with moist soil, peat moss, or sand, to keep them in good condition until wanted.

In writing this article on Dahlia Culture I have endeavored to give you the best of my knowledge gained from almost 25 year's experience in growing fine Dahlias. I hope these cultural directions will be of value to you and that you may have great success in growing these wonderful flowers.

Sincerely yours,

N. A. MILLER

Your Friends

May appreciate a copy of this

Catalog

We will be glad to send them one
free upon request.